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dir # 760

Environmental Geologists, Engineers, Assessors

2817 A Lafayette Avenue Newport Beach, CA 92663 (949) 723-1645 Fax (949) 723-1854 Email: freyinc@freyinc.com

May 15, 2000 172-01

Augustine Anijielo Regional Water Quality Control Board Los Angeles Region 320 West 4th Street, Suite 200 Los Angeles, California 90013

GROUNDWATER MONITORING WELL SAMPLING FIRST QUARTER 2000 FORMER MONDO CHROME FACILITY 4933 FIRESTONE BOULEVARD SOUTH GATE, CALIFORNIA

Dear Mr. Anijielo:

This letter presents the results of groundwater sampling activities for the first quarter of 2000 at the site of the former Mondo Chrome facility located at 4933 Firestone Boulevard in South Gate, California (Figure 1).

SUMMARY OF ACTIVITIES

On March 28, 2000, groundwater monitoring wells MW1, MW2 and MW3 were measured for depth to water and checked for the presence of light non-aqueous phase liquids (LNAPLs). LNAPLs were not detected in wells MW1, MW2 or MW3 which were then purged and sampled according to the procedures presented in Appendix A.

Groundwater samples were analyzed for purgeable halocarbons and aromatic compounds in general accordance with EPA Method No. 8021B. Groundwater samples were also analyzed for total chromium in general accordance with EPA Method No. 200.7.

Groundwater purged from the wells is temporarily being stored on-Site in 55-gallon drums. The purged groundwater will be transported and disposed of at a State-certified recycling facility at a later date.

RESULTS

- Tetrachloroethene (PCE) and trichloroethene (TCE) were detected at concentrations of 368 micrograms per liter (ug/L) and 538 ug/L, respectively, in the water sample collected from well MW1. In addition, 1,1-dichloroethene (1,1-DCE) and cis-1,2-dichloroethene (cis-1,2-DCE) were detected at concentrations of 1.9 ug/L and 11 ug/L, respectively, in the water sample collected from well MW1. No other compounds analyzed as part of EPA Method No. 8021B were detected in the groundwater sample collected from MW1.
- PCE, TCE, cis-1,2-DCE, and 1,1-DCE, were detected at concentrations of 8.4 ug/L, 138 ug/L, 27 ug/L, and 0.8 ug/L, respectively, in the groundwater sample collected from well MW2. No other compounds analyzed as part of EPA Method No. 8021B were detected in the groundwater sample collected from MW2.
- PCE and TCE were detected at concentrations of 4.7 ug/L and 114 ug/L, respectively, in the groundwater sample collected from well MW3. In addition, cis-1,2-DCE, 1,1-DCE, and 1,2-dichloroethane (1,2-DCA) were detected at concentrations of 13 ug/L, 1.7 ug/L, and 0.9 ug/L, respectively, in the groundwater sample collected from well MW3. No other compounds analyzed as part of EPA Method No. 8021B were detected in the groundwater sample collected from MW3.
- Total chromium was detected at concentrations ranging from 4 milligrams per liter (mg/L) to 19 mg/L in groundwater samples collected from MW1, MW2 and MW3.
- Groundwater was estimated to flow toward the north at a gradient of 0.00075 feet per foot on March 28, 2000. A site sketch showing groundwater elevations and estimated direction of groundwater flow on March 28, 2000 is presented on Figure 2.
- Calculated groundwater elevations and chemical analytical data have been summarized in Table 1. Laboratory reports are presented in Appendix B.

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Joe\Frev Principal Certified

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Engineering Geolog

CEG #1500

Senior Project Geologist

Enclosures:

Table 1 - Groundwater Levels and Chemical Analyses

Figure 1 - Site Location Map

Figure 2 - Site Sketch Showing Groundwater Elevations and Estimated Groundwater Flow Direction on March 28, 2000

Appendix A - Field Procedures

Appendix B - Laboratory Results

cc: Mr. Howard Kay
The Kay Companies
475 Seventeenth Street
Suite 940
Denver, CO 80202

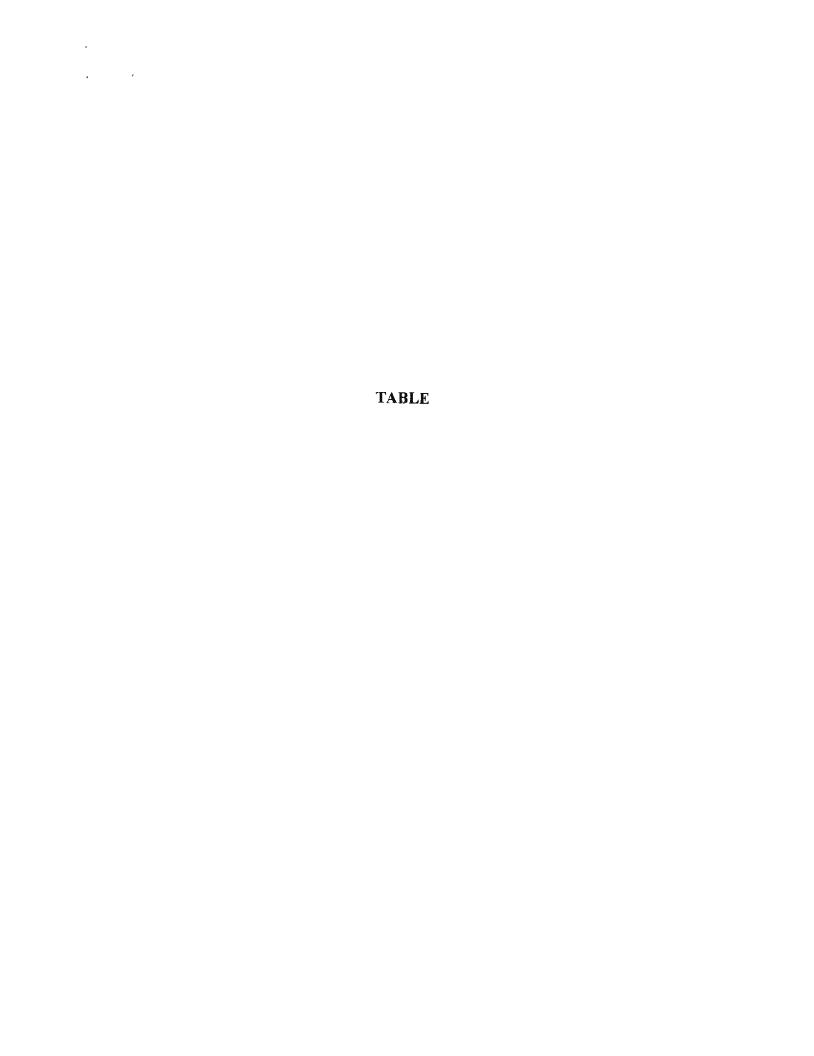


TABLE 1 GROUNDWATER LEVELS AND CHEMICAL ANALYSES FORMER MONDO CHROME FACILITY 4933 FIRESTONE BOULEVARD SOUTH GATE, CALIFORNIA

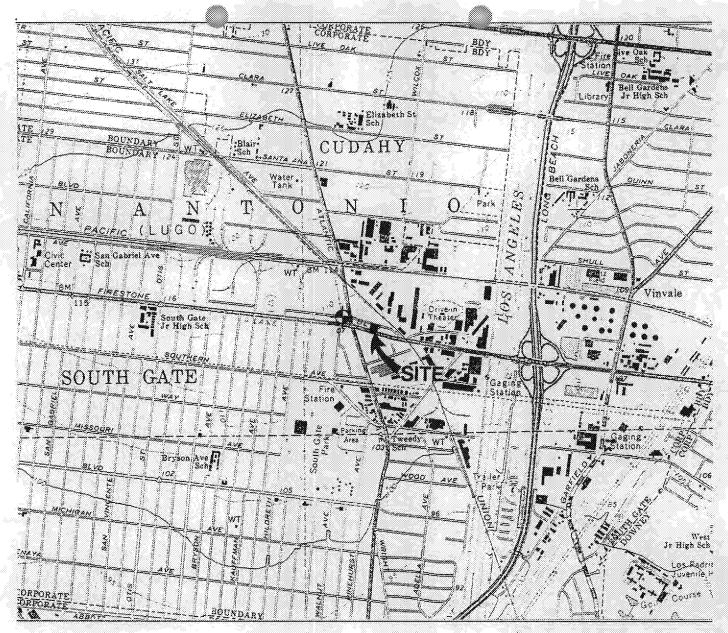
Well No.	Well Elevation (ft-mst)	Screen Interval (feet-bgs)	Date Sampled	Depth to Groundwater (feet)	Groundwater Elevation (ft-msl)	PCE ug/l (ppb)	TCE ug/l (ppb)	cis-1,2-DCE ug/l (ppb)	1,1-DCE ug/l (ppb)	Vinyl Chloride ug/l (ppb)	1,2-DCA ug/l (ppb)	Chromium ug/l (ppb)	Chromium VI ug/l (ppb)	Cadadum ug/l (ppb)
MW1	109.40	30-55	12/07/98	41.58	67.82	110	140	6.8	ND>I	ND>1.0	ND>0.5	NA	NA	NA
		30 30	03/03/99	40 71	68.69	140	190	ND>10	ND>16	ND>20	ND>10	19	ND>0.02	ND>0.004
			06/24/99	40.36	69.04	600	780	ND>25	ND>40	ND>50	ND>25	19	ND>0.02	ND>0 004
			09/17/99	40.31	69.09	707	824	9.4	1.9	1.9	ND>0.5	16	ND>0 02	ND>0.004
			12/20/99	40,35	6 9.05	395	635	10	1.6	ND>1.0	ND>0.5	37	ND>0.02	ND>0.003
			03/28/00	40,42	68.98	368	538	11	1.9	ND>1.0	ND>0.5	4	NA	ΝA
		***************************************	-tttoosooooooooo		<u></u>		***************************************			oquanamanando lo AAAAAAAAAA	egerapasasasasasas/orliviWWWFooo		A-A-2-2-2-2-3-3-4-4-4-4-4-4-4-4-4-4-4-4-4-4	boossoobske de William III
MW2	109.45	30-55	12/07/98	41.68	67,77	11	77	16	ND>1	ND>1.0	ND>0.5	NA	NA	NA
			03/03/99	40.81	68 64	6.5	130	13	ND>4	ND>5	ND>2.5	33	ND>0.02	ND>0.004
			06/24/99	40.45	69.00	20	160	13	ND>8	ND>10	ND>5	50	ND>0.02	ND>0.004
			09/17/99	40.40	69.05	15	156	21	ND>0.8	ND>I	ND>0.5	40	ND>0.02	ND>0.004
			12/20/99	40 43	69.02	27	158	18	8.0 <cim< td=""><td>ND>1.0</td><td>ND>0.5</td><td>18</td><td>ND>0.02</td><td>ND>0.003</td></cim<>	ND>1.0	ND>0.5	18	ND>0.02	ND>0.003
A STATE OF THE PROPERTY OF THE		***************************************	03/28/00	40 38	69 07	84	138	27	0.8	ND>1.0	ND>0.5	19	NA	NA
MW3	109.61	30-55	12/07/98	41.78	67.83	9.3	75	10	1.7	NID>1.0	ND>0.5	NA	NA	NA
147 14 %	702144	30-95	03/03/99	40.94	68.67	5.1	100	6.4	ND>4	ND>5	ND>2.5	68	ND>0.02	ND>0.004
			06/24/99	40.59	69.02	7.4	110	7.3	ND>8	ND>10	ND>5	50	ND>0.02	ND>0.004
			09/17/99	40.56	69.05	6.1	145	12	1.2	2.3	1.2	58	ND>0.02	ND>0.004
			12/20/99	40.51	69.00	4,4	43	3.6	ND>0.8	ND>1.0	ND>0.5	37	ND>0.02	ND>0.003
			03/28/00	40.54	69.07	4.7	114	13	1.7	ND>1.0	0.9	19	NA NA	NA NA
		***************************************	0.5-20.00	40,24	07.07	7./	117	1.3	1.7	MIXTIN	0.7	1.2	FALT	1.7.1.2
DTSC MO	CLs					5	3	6	6	0.5	0.5	50		5

Notes

- 1) Well elevation recorded at top of casing.
- 2) PCE = Tetrachloroethene
- 3) TCE = Trichloroethene
- 4) cis 1,2-DCE = cis 1,2 Dichloroethene
- 5) 1,1-DCE = 1,1 Dichloroethene
- 6) 1,2-DCA = 1,2 Dichloroethane

- 7) Maximum Contaminant Levels (MCLs) are enforceable drinking water standards.
- 8) ND> Constituent not detected above the stated concentration
- 9) NA Not analyzed



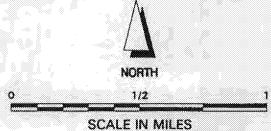


EXPLANATION

Groundwater well UNOCAL property

MW1 Well number

(53') Depth to groundwater in feet MSL (1994)



FORMER MONDO CHROME FACILITY 4933 FIRESTONE BOULEVARD SOUTH GATE, CALIFORNIA

NOTES:

1) All locations and dimensions are approximate.

 Base map from USGS 7.5 minute South Gate (1966, photorevised 1981), California topographic quadrangle.

 Groundwater well data from FUGRO West, Inc., project no. 94-48-1320. Client: TEDESCO LEASING

Project No.: 172-01

FREY ENVIRONMENTAL, INC.

SITE LOCATION MAP

Date: JANUARY 1996

Figure: 1

EXPLANATION

▲ HB6 HAND AUGER BORING LOCATION

• B11 BORING LOCATION

W VEW1 VAPOR EXTRACTION WELL LOCATION

十FB4/ SOIL SAMPLE LOCATION/VAPOR PROBE LOCATION VP2

MW3 GROUNDWATER MONITORING WELL LOCATION

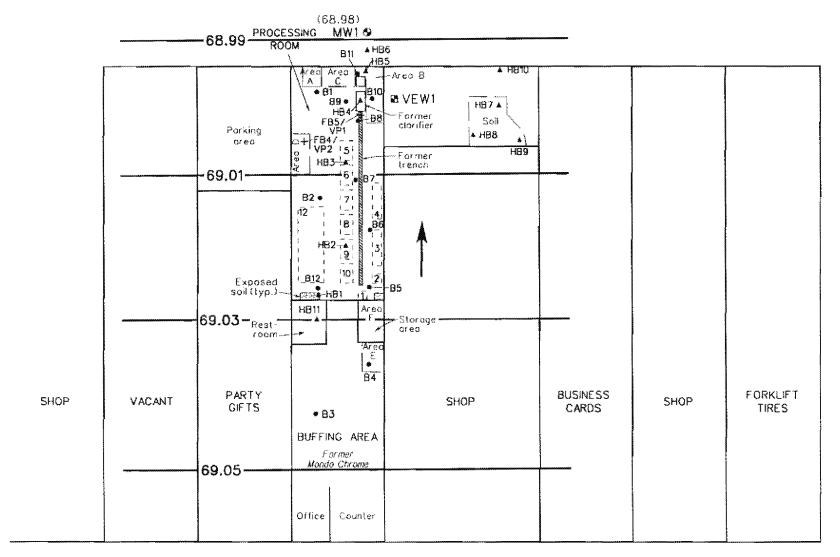
With groundwater elevation in feet MSL, (69.07) on March 28, 2000

> CONTOUR OF EQUAL GROUNDWATER ELEVATION in feet MSL, on March 28, 2000

ESTIMATED GROUNDWATER FLOW DIRECTION

MASON STREET

.69.07~



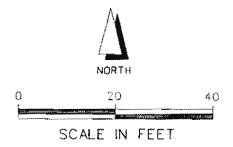
(69.07) (69.07)Parking lane, **⊗** MW3. -69.07· MW2-

FIRESTONE BOULEVARD

Parking lane.

NOTES:

All locations and dimensions are approximate. Base map from Proposed Site Assessment, Former Mondo Chrome Facility, by Fugro West, Inc., project na. 94–48–1320, dated August 1994, and field observations made by FREY Environmental, Inc. July 1996.



FORMER MONDO CHROME FACILITY 4933 FIRESTONE BOULEVARD SOUTH GATE, CALIFORNIA

TEDESCO LEASING Client:

Project No.:

172-01

FREY ENVIRONMENTAL, INC.

SITE SKETCH SHOWING GROUNDWATER ELEVATIONS AND ESTIMATED GROUNDWATER FLOW DIRECTION ON MARCH 28, 2000

MAY 2000

Figure 2

APPENDIX A

FIELD PROCEDURES/WATER SAMPLING DATA FORMS

WELL PURGING AND GROUND WATER SAMPLING

- 1. The water level, and depth to the bottom of each well, was recorded using a conductance probe prior to well purging. A clear bailer sample was taken and visually inspected for turbidity and the presence of free product.
- 2. The groundwater monitoring wells were purged of at least three well volumes using a submersible pump or bailer.
- 3. The well was allowed to recover to at least 80 percent of its original well volume prior to sampling.
- 4. The ground water samples were collected using a stainless steel bailer held by dedicated nylon line.
- All items entering the well; tapes, conductance probe, bailers were cleaned prior to use and between sampling periods.
- 6. Groundwater collected from each monitoring well was placed into EPA approved, zero head space, 40 milliliters (mL) vials, 250 mL and 500 mL containers.
- 7. Each sample was labeled.
- 8. The samples were placed in a bag, and into an ice chest, and cooled following collection.
- 9. The samples were delivered to the laboratory directly after collection. Sample handling, transport, and delivery to the laboratory were documented using chain of custody procedures and appropriate Chain-of-Custody forms.

GROUNDWATER SAMPLING DATA

SITE NAME	Mo	'n	n	. (44	g,	1./:	3
,	つぇ							36 0
JOB NO. /	14	***	O	1				

DATE 3/28/00
SAMPLING PERSONNEL VI 1-110 Kainiraz

WELL NUMBER MW1	Well Diameter (ID) るリ	Reference Point Tac
WATER DEPTH (ft) Yの、Yス	WELL DEPTH 55 40	Feet of H20 in Well 14.98

TIME	ELAPSED TIME	GALLONS PURGED	ph	Temp (deg. F)	Cond. (μS/cm)	TDS (ppm)	COMMENTS
7:15						14-14	STARTUUMF
1:16	01	a	7.49	69.3	1672	1424	dirty water
1,17	02	4	7,47	70.0	1634	14 17	disty water
7'18	03	6	7,70	7104	16 35	14.18	dirty water
7/19	04	8					STOD Damo
•							* * *
7:35			7.22	70.9	1626	14-12	Sample
TOTAL GALLI PURGED	ONS	8.00					

	22.500.00			
SAMPLE			PURGE PUMPIN	
COLOMOST LUCTU			PATER AND PATER	
			RATE (GPW)	
DEPTHIFT I				
		" Uana		

FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION
pH Meter/EC Meter	HANNA #1
Turbidity Meter	
Pump (Dia/Type)	2" pamp #1
Water Level Meter	S0111151 #2
Bailer (Dia.x length)	1.5X 36" #2

SAMPLE NUMBER	# BOTTLES
Mwi	1

WELL VOLUI	E CALCULATIONS:	
Water Colum	n Thickness) (Multiplier) × One Well Volume in Gallons	
HINCH WELL	: (Fi) x (0.65) = Gallo	ne.
	· · · · · · · · · · · · · · · · · · ·	***
	3 Well Volumes = Ga	llon

	1 1	., 90	7 7/2
Z-INCH WELL:	1/1	4 * / Ø F0 x (0.16)	* Cメ ^ グア Gallons
	*******	······································	***
			7.19 ~ ~ ~ ~
A		3 Well Volume	s = <u>Z</u>

GROUNDWATER SAMPLING DATA

SITE NAME MONDO CHROME

JOB NO. 172-01

NHelio Ramisez

WELL NUMBER	Well Diameter (ID) 🗻	Reference Point ———,
mere moment ()	****** C ********* (10)	
Mill a	ي ا	/ / /
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•	
The second of th	WELL DEPTH	Feet of H20 in Well
WATER DEPTH (ft)	MCTT ACLIU	Lange of USO Mi sam
lin ¬r-	<i>)</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	しょうしょう フィー・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・
1 711. CX	4 W . U	15 *//*
I V V V V	J 1 1 1 1 1 1 1 1 1	

TIME	ELAPSED TIME	GALLONS PURGED	ph	Temp (deg, F)	Cond. (µS/cm)	TDS (ppm)	COMMENTS
7, 41							STAYT PUMP
7:42	0	J.	7.28	69.9	2877	1435	dirty water
7, 43	02	4	7.32	70.2	2946	14.32	diffy woter
7. 44	03	6	7.39	69.7	2651	1462	dirty water
7, 44							STOP PUMP
					100		
7:30			7, 37	79 //	2970	1465	Sample
) 。 5ピ OTAL GALLO URGED) NS	6,00	7. 3/	10/* 4	<u> ~ / JU</u>	<u> </u>	20miple

DEPTH (FT) 41.70 PURGE OF RATE (GPM)			
	DEPTH (FT)		ツ″ RATE (GPM) ノン

FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION
pH Meter/EC Meter	HANNA # 1
Turbidity Meter	
Pump (Dla./Type)	2" pump #1
Water Level Meter	Solinst #2
Bailer (Dis.x length)	1.5X 36"#2

	AMPLE NUMBER			#BOTTI	.es
	Μ	WJ		3	
Г			20.2		

				ONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

Ft) x (0.65) = _____ Gallons 4-INCH WELL: (__

3 Well Volumes = _____ Gallons

2-INCH WELL: (13.76 Ft) x (0.16) = 2.20 Gallons

3 Well Volumes = 6 · 60 Gallons

FREY ENVIRONMENTAL, INC.

GROUNDWATER SAMPLING DATA

		24	<i>1</i>	•~~			
SITE	NAM	E/V/	I(II	クロ	0 (HD	OME
		,	A			,	

DATE 3/98/00 VItalia

JOB NO. 172-01

SAMPLING PERSONNEL

WELL NUMBER .	Well Diameter (ID)	Reference Point
1/ 1 7	I = I = I = I	
1 MIN 5		IUI
WATER DEPTH (ft)	WELL DEPTH	Feet of H20 in Well
WATER DEPTH (ft)	WELL DEPTH	Feet of H20 in Well / Z / F S
WATER DEPTH (H) 40 . 54	WELL DEPTH 54.12	Foot of H20 in Well 13 • 5 8

TIME	ELAPSED TIME	GALLONS PURGED	ph	Temp (deg. F)	Cond. (µS/cm)	TDS (ppm)	COMMENTS
7.22							STOVERUMP
,, 33	01	2	7.29	66.7	3223	1642	divitivater
% 24	02	4	7,36				dirly water
";J5	03	0	7,37	67.9			divty water
", 25					and the second		STON DUIND
2.7							
3:15			7.95	60.0	3259	1630	Sample
OTAL GALLO	ONS	4.00					

		PURGE -		
SAMPLE				PURGE PUMPING
		METHOD		RATE (GPM)
DEPTHIFT (1)				
	200 200000			
	, , , , , , , , , , , , , , , , , , ,			
			UCIMAD	
	7 2 mal			

FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION	ON
pH Meter/EC Meter	HANNA	#1
Turbidity Meter		
Pump (Dia/Type)	a"pum	· #1
Water Level Meter	50/1054	#2
Baller (Dia.x length)	1.5X 36"	4 3

SAMPLE NUMBER	#BOTTLES
MW3	3

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (___FI) x (0.65) * ____

> 3 Well Valumes = ____ __ Gallons

2-INCH WELL: 12/58 Ft) x (0.16) = 2 17 Gallons

3 Well Volumes = 6 / 5 / Gallons

FREY ENVIRONMENTAL, INC.

APPENDIX B

LABORATORY RESULTS



ASSOCIATED LABORATORIES

806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT Frey Environmental, Inc.

ATTN: Evan Privett 2817A Lafayene Ave.

Newport Beach, CA 92663

(7741)

LAB REQUEST 51239

REPORTED 04/17/2000 RECEIVED 03/30/2000

PROJECT Mondo Chrome/#172-01

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral pan of the final report.

Order No. 177050 177051 177052

Client Sample Ideanfication

MW3 MW2 MW1

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATOMES

Edward's Behare, Ph.D

Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

The reports of the Associated Laboratorius are confidential property of our clients may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

Lab request 51239 cover, page 1 of 1

TESTING & CONSULTING Chemical Microbiological

Environmental

Order #:

177052

Clie Frey Environmental, Inc.

Matrix: WATER

Client Sample ID: MWI

Date Sampled: 03/28/2000

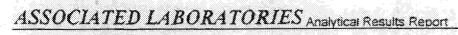
Time Sampled: Sampled By:

Analyte Result DF DLR Units Date/Analyst

200.7 ICP Total Metals - Water Only						
Chromium	0.004	1	0.003	mg/L	04/04/00	MD
021B/HVO Halogenated Volatile Organics						
1,1,1-Trichloroethaue	וסא '	1	0.5	ug/L	04/11/00	``DC
1,1.2,2-Tetrachloroethane	ND	i	0.5	ug/L	04/11/00	TDĆ.
1,1,2-Trichloroethane	ND	1	0.5	ug/L	04/11/00	DC
I,I-Dichloroethane	ND	1	0.8	ug/L	04/11/00	DC
1,1-Dichloroethene	1.9	1	0.8	ug/L	04/11/00	DC
1,2-Dibromoethane	ND	1	i.o	ug/L	04/11/00	DC
1,2-Dichlorobenzene	אם '	1 7	1.0	ug/L	04/11/00	DC
1.2-Dichloroethane	וֹטאַ	1 '	0.5	ug/L	04/11/00	DC
1.2-Dichloropropane	NDi ⁻	" 1	0.5	ue/C	04/11/00	DC

1,4-17ibi onioeniane	1712		8.63	nm.r	A** 111AA		
1,2-Dichlorobenzene	וֹם אַ	1	1.0	ug/L	04/11/00	DC	
1.2-Dichloroethane	וֹטוֹא	1	0.5	ug/L	04/11/00	DC	
1,2-Dichloropropone	אם ^{[-}	" 1	0.5	ug/C	04/11/00	DC	
1,3-Dichlorobenzene	מ א	1 1	2.0	ug/L	04/11/00	DC	
1,4-Dichlorobenzene	' וְׁמַא	11	1.0	Tug/L	04/11/00	oc.	
2-Chloroethylvinyl ether	מא	1	0.7	ug/L	04/11/00	DC	•
Bromoform	I ND	1	0.5	ug/L	04/11/00	ΰC	
Bromomerhane	ND	1	1,0	'ug/L	04/11/00	DC	
Carbon tetrachloride	וֹםא	1	0.7	ug/L	04/11/00	DC	
Chlorobenzene	NDj -	1	1,0	ug/L	04/11/00	ÖĞ	*
Chloroethane	מא	1	0.5	ug/L	04/11/00	DC	
Chloroform	ָ אָסוּ	1	0.3	og/L	04/13/00	DČ.	•
Chloromethane	וְפא	1 7	1.0	ug/L	04/11/00	DC	
Dibromochioromethane	ָּבָּרָ בְּיִבְּיִבְּיִבְּיִבְּיִבְּיִבְּיִבְּיִ	1	0.5	ug/L	04/11700	DC	
Dichlorobromomethane	ND	1	0.5	ug/L	04/11/00	DC.	•
Dichlorodifluoromethane	NDj	1	2.0	ug/L	04/11/00	DC	
Methylene Chloride	וֹםא	1	1.0	ug/L	04/11/00	DC	
Tetrachloroethune	368	10	5.0	ug/L	04/11700	DC	
Trichloroethene	538	10	6.0	ug/L	04/11/00	DC	
Trichiorofluoromethane	ןסא	1	0.5	ug/L	04/11/00	DC	
Vinyl chloride	јак	1 ""	1.0	ug/L	04/11/00	DC	
cis-1,2-Dichloroethene	iii i	1	0.5	ันg/L	04/11/00	DC	
cts-1,3-Dichloropropene	IDM	1 -	1.5	ug/L	04/11/00	DC	
trans-1,2-Dichloroethene	וְסַאַ	1	0.8	ug/L	04/11/00	DC	
trans-1,3-Dichloropropene	ND	1	1.5	ug/L	04/11/00	DC	
	1.2-Dichloroperhane 1.2-Dichloroperhane 1.3-Dichloroperhane 1.3-Dichloroperhane 1.4-Dichloroperhane 2-Chloroperhylvinyl ether Bromoform Bromomethane Carbon tetrachloride Chloroperhane Chloroperhane Chloroperhane Chloromethane Dibromochloromethane Dichloropromomethane Dichlorodifluoromethane Trichloroethene Trichloroethene Trichloroethene Vinyl chloride cis-1,2-Dichloroperhane cis-1,3-Dichloroperhane trans-1,2-Dichloroperhane	1.2-Dichlorobenzene ND 1.2-Dichloropropane ND 1.3-Dichloropropane ND 1.3-Dichlorobenzene ND 1.4-Dichlorobenzene ND 2-Chloroethylvinyl erher ND Bromoform ND Bromoferm ND Carbon tetrachloride ND Carbon tetrachloride ND Chlorobenzene ND Chlorobenzene ND Chlorothane ND Chloroform ND Chloromethane ND Dibromochloromethane ND Dichlorobromomethane ND Dichlorobromomethane ND Dichlorodifluoromethane ND Vinylene Chloride ND Tetrachloroethene 368 Trichloroethene 368 Trichloroethene ND Vinyl chloride ND Vinyl chloride ND Vinyl chloride ND vinyl chlorode	1,2-Dichlorobenzene ND 1 1,2-Dichloropethane ND 1 1,2-Dichlorobenzene ND 1 1,3-Dichlorobenzene ND 1 1,4-Dichlorobenzene ND 1 2-Chloroethylvinyl erher ND 1 Bromoform ND 1 Bromomethane ND 1 Carbon tetrachloride ND 1 Chlorobenzene ND 1 Chloroform ND 1 Chloroform ND 1 Chloroform ND 1 Chloromethane ND 1 Dichloroforomethane ND 1 Dichloroffluoromethane ND 1 Dichloroethene 368 10 Trichloroethene 368 10 Trichloroethene ND 1 Vinyl chloride ND 1 vinyl chloride ND 1 cis-1,2-Dichloroethene ND 1	1.2-Dichlorobenzene	1,2-Dichlorobenzene	1,2-Dichlorobenzene	1.2-Dichlorobenzene

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor





Order #:

177051

Clie Frey Environmental, Inc.

Matrix: WATER

Client Sample ID: MW2

Date Sampled: 03/28/2000

Time Sampled: Sampled By:

Analyte Result DF DLR Units Date/Analyst

0.7 ICP Total Metals - Water Only							
Chromium		0.019	1	~~~~~ 0.003	mg/L	04/84/00	MD
							
21B/HVO Halogenated Volutile Organics							
I, I, I-Trichloroethane	- ''	NDI T	~~ 1 ·	0.5	ug/L	04/11/00	DC
1,1,2,2-Tetrachloroethane		· · · · · · · · · · · · · · · · · · ·		0.5	ug/L	04/11/00	DC
1,1,2-Trichloroethane	 (2)	ND	1***	70.3	ug/L	04/11/00	"DC
L, I-Dichloroethane	The state of the s	· ND	·- ~	0.8	ug/L	04/11/00	DC
1,1-Dichloroethene	***	0.8	1	0.8	ug/L	04/11/00	DC
1,2-Dibromoethane		ND	~ 1	1.0	ug/L	04/11/00	DC
1,2-Dichlorobenzene		, מא	1	1.0	ug/L	04/11/00	DC
1.2-Dichloroethane		ND	1	0.5	ug/L	04/11/00	DC
1,2-Dichloropropane	· · · · · · · · · · · · · · · · · · ·	ND	1	0.5	ug/L	04/11/00	DC
1,3-Dichlorobenzene	, ***	מא	1"	2.0	ug/C	04/11/00	"ñC
1,4-Dichlorobenzene		ND	1	1.0	ug/L	04/11/00	ОC
2-Chloroethylvinyl ether		NDi	ĭ	0.7	ug/L	04/11/00	DĊ
Bromoform		ND	1***	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ug/L	04/11/00	ĎĊ
Bromomerhane		NDi	l"	1.0	ug/L	04/11/00	DC
Carbon terrachloride		ND		0.7	ug/l.	04/11/00	"ĎĊ"
Chlorobenzene		ND	1	1.0	ug/L	04/11/00	DC
Chloroethane		ND	ı	0.5	ug/L	04/11/00	ĎĈ
Chloraform		ND	. (0.3	"ug/L	04/11/00	ĎĈ
Chloromethane		ND	1	1.0	ug/L	04/11/00	DC
Dibromochioromethane		" מא	1***	0.5	ug/L	04/11/00	DŌ
Dichlorobromomethane	•	ND	- 1	0.5	ug/L	04/11/00	DC
Dichlorodiffuoromethane		ND	1	2.0	vg/L	04/11/00	рČ
Methylene Chlorido		מא	" 1"	1.0	ug/L	04/11/00	DČ.
Tourachioroethune		8.4	1	70.5	ug/L	04/11/00	DC
Trichioroethene	`	138	5	3.0	ug/L	04/11/00	DC
Trichiorofiuoromethane		ND "	1	0.5	ug/L	04/11/00	DC
Vinyl chloride		ND T	1.	1.0	ug/L	04/11/00	TĐĆ"
cis-1,2-Dichloroethene	• • • • • • • •	27	1	0.5	ug/l	04/11/00	``DC̄
cis-1,3-Dichloropropene		ай	1	1.5	ug/L	04/11/00	DC
trans-1.2-Dichloroethene		NĎ	1.	0.8	ng/L	04/11/00	DC
trans-1,3-Dichloropropene		מא	j *	1.5	ug/L	04/11/00	ĎC

DLR = Detection limit for reparting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: | 177050]

C

t: Frey Environmental, Inc.

Matrix: WATER

Clieat Sample ID: NW3

Date Sampled: 03/28/2000

Time Sampled: Sampled By:

Analyte Result DF DLR Units Date/Analyst

		· · · · · ·	******	wiiiw	waterme	·a·ya:
7 ICP Total Metals - Water Only						
Chromium		7.7	0.003	wa/L	04/04/00	МŌ
B/HVO Halogenated Volatile Organics						
1,1,1-Trichloroethane	I DI		0.5	ug/L	04/11/00	DC -
1.7.2.2-Tetrachlorocthane	וסא ו	1	0.5	ug/L	04/11/00	DC T
1,1,2-Trichloroethane	ND	1	0.5	ug/L	04/11/00	DC
I, I-Dichloroetbage	ו אס	1	0.8	ug/L	04/11/00	DC
1,1-Dicalaroethene	1.7	1	0.8	ug/L	04/11/00	DC
T,2-Dibromoethane	ND	l'	1.0	ug/L	04/11/00	DC
1,2-Dichtorobenzene	NO	i	1.0	ug/l.	04/117/00	DC "
i,2-Dichlorouthane	0.9	1,	0.5	ug/L	04/11/00	TDC
T,2-Dichloropropane	מא	1	0.5	ug/L	04/11/00	DC ^T
1,3-Dichlorobenzene	וֹםא וֹ	t"	2.0	ug/L	04/11/00	DC
1,4-Dichlorobenzene	וֹםא וֹ י	1	1.0	ug/L	04/11/00	DC "
2-Chloroethylvinyl ether	מא ''	1	0.7	ug/L	04/11/00	DC
Bromolomn	· ND	~1	0.5	ug/Ĺ	04/11/00	DC
Bromomethane	ומא וייי	1	77.0	ug/l	04/11/00	DĆ "
Carbon tetrachioride	וֹםא וֹי	1	0.7	ug/L	04/11/00	DC.
Chlorobenzene	ND	1	1.0	ug/L	04/11/00	ĎĊ
Chioroethane	NO	1	0.5	ug/L	04/11/00	'nč"
Chieroform	ION	i'	0.3	ug/L	04/11/00	DC T
Chloromethano	ND	1	1.0	ug/L	04/11/00	ÖĈ
Dibromochloromethane	וֹם א	71	0.5	ug/C	04/11/00	ĎĈ [™]
Dichlorobromomethane	ND	1	0.5	ug/L	04/11/00	ĎС
Dichlorodifluoromethane	NDi		2.0	ug/L	04/11/00	DĆ
Methylene Chloride	וֹםא	**i**	7.0	ug/L	04/17/00	DC
Terrachloroethene	4.7		0.5	ug/L	04/11/00	DC
Trichloroethene	114	* ~~~`S	3.0	ug/L	04/11/00	DC
Trichlorof luoromethane	" ND	L'	0.3	ug/L	04/11/00	DČ
Vinyl chloride	ND	1	1.0	ug/L	04/11/00	DC
cis-1,2-Dichloroethene	13	1	0.5	ug/L	04/11/00	"DC

DLR = Detection limit for reporting purposes. ND = Not Detected below indicated detection limit, DF = Dilution Factor



04/11/00 DC

04/11/00 DC

04/11/00 DC

cis-1,3-Dichloropropene

trans-1,2-Dichloroethene

trans-1.3-Dichloropropene

NO

ND

ND

0.8

ug/L



ASSOCIATED LABORATORIES

806 N. Batavia * Orange, CA 92868 (714) 771-6900 * FAX; (714) 538-1209 57239

CHAIN OF CUSTODY RECORD

Date 3-30-200 Page | of |

	ENVIROH MENTAL	LIN C PROJECT A	IANAGE					1		
ADDRESS 28 17 A LACAYETTE AVE.			PHONE NUMBER 949, 723-1645					Samples Intact Yes No County Seals Intact Yes No Sample Ambient Cooled Frozen		
NEWDO	PHONE NU									
PROJECT NAME Mon	SAMELENS	SAMPLERS: (Signalure)						8ame Day 24 Hr RegularX		
SAMPLE NUMBER	LOCATION DESCRIPTION	0A7E 3-28-0	THAE	S WATER	AMPLE TY	9E 50110	NO OF CNINRS	SUSP. CONTAM	TESTS REQUIRED	
Mw 3	VOAS			X			3		EPA 8010	
Mw 3	4146						1		TOTAL CHRONIUM	
Mw 2	ZAOV						3		EPA 8010	
MW 2	Liter						1		TOTAL CHROMIUM	
MWI	VOAS						3		EPA 8010	
MW!	Liter	<u> </u>		14			1		TUTAL CHROMIUM	
		6/3/2 DOM: (4/6)								
				1	<u> </u>	100	F*1			
Relinquished by: (Signa	ived by: (Signature)	v. (Signature) Date/Time 2430-00					I hereby authorize the padormance of the abo indicated work.			
Relinquished by: (Signs	nquished by: (Signature) Received I (Signature			y Laborate Northalysis: JAPAN Date/Time			/Jime /7/00 /~~	d Company		
Special instructions:		1100	X					DISTRIBL Pink to Co	JTION: White with report Yellow to At,	